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GUARANTEE

We guarantee our Roses to bloom and to be true to name or we will replace them.

PARAMOUNT NURSERIES

A. & A. D. VANDERKRAATS, PROPS.

West Grove, Pa.

(Near Jennersville, Chester County, Pa.)

Phone: West Grove 146

INTRODUCTION

EGAL ROSES, offered to the public for the first time, are two-year field-grown plants, budded on multiflora seedlings, and are grown at West Grove, Pa., in Chester County. We have been growing such Roses here at West Grove for the past ten years, distributing our plants through other retail channels. We claim our plants to be unsurpassed for quality any-They are grown on a heavy, clay ground in improved and heavily-fertilized soil. The plants are sprayed religiously each week and are otherwise kept clean, healthy and thrifty during the entire period of production. We fear absolutely no competition for quality and back up our confidence by guaranteeing our Roses to bloom and be true to name or we will replace them.

We earnestly recommend Fall planting of Roses (any time from October 15th until freezing). For at this time the plants are freshly dug with no loss of energy through storage. The soil is moist and mellow, insuring a good opportunity for the roots of the plants to establish themselves, so that the Rose will start to grow at the first spark of Spring. You need only to hill up the soil to a height of eight inches or more to protect the main portion of the plant from freezing.

We will have dormant plants for sale this Fall, and also in the Spring, from March 15th until May 1st.



Dutch Windmill Near Our Office and Inn

From May 1st on, we will have plants in pots that may be planted the balance of the Spring and throughout the Summer. Any plants that you purchase from us at any time, will be of high quality, with definite assurance of success.

The branches of our Roses are waxed with a special preserving material. This coating should not be disturbed. Waxing conserves moisture in the plants, protecting against drying winds, frosts and sun-scalding, and even disease. When growth starts, the buds easily break through the coating.

LOCATION

Our Nurseries are located at Jennersville, one mile southwest of **West Grove**, in Chester County, Pa., on Route No. 1, the Baltimore Pike, between Philadelphia and Baltimore; 40 miles southwest of Philadelphia and 60 miles northeast of Baltimore. Our Office adjoins our **Wooden Shoe Inn.**

We invite you to visit us at any time. We are open for inspection or business at all times, and will gladly fill all orders on the place. Our prices at the Nurseries are cheaper than for mail orders, as we pass on to you the saving in packing for shipment.

Our Terms Are Cash. All prices quoted are F. O. B. our Nurseries, and include packing and boxing, but the customer must pay for transportation. Some orders can be shipped by Parcel Post, while others must go by Express. We use careful judgment in shipping to save our customers as much as possible in shipping costs. In order to save additional collection charges for transportation, we suggest that you add 10% of the amount of your order to your check or money order to cover cost of shipping. We will return any excess sent us, and advise of any shortage.

Price of All Varieties Listed, Unless Otherwise Noted:

50c each

\$5.00 per dozen

\$37.50 per 100



Our Office and Wooden Shoe Inn Windmill in the Distance



Beautiful Buds of Charles P. Kilham

HYBRID TEAS OR "EVERBLOOMING" ROSES

This is the great class of "Monthly Bloomers," so much in demand. Possibly 90% of all Roses grown and planted belong to this class, which includes so many wonderful varieties. Great changes have taken place in only recent years in the character of the varieties generally offered. The hardiness and blooming qualities have been much improved, and certainly the form of flowers and especially the colors and color combinations have been completely revolutionized.

pletely revolutionized.

The perfect Rose does not yet exist. A host of novelties crop up each year in the frantic hunt for new and different colors and strains. A few worthy kinds quickly take their place in the affections of Rose-lovers, the balance fade immediately into oblivion. Most of this trial and experimentation should be left to the specialists and connoisseurs, unless one accepts the "game" in the spirit of love and enthusiasm. By careful selection and inquiry, the average garden-fan can stick to the improved but safe varieties

All of the varieties of Hybrid Teas which we offer are of modern discovery or creation, but are tried and proven. Keep all of your Roses well nourished, properly pruned, and regularly sprayed or dusted, and they will respond with a happy and productive life.

- ALBAST—Salmon-rose. A newly introduced variety that shows promise of being a very good bedding type. Free bloomer.
- ANGELE PERNET—Reddish orange with bright golden yellow on the reverse side. A bushy and upright grower with very shiny and holly-like foliage. It is very floriferous and popular.
- BETTY UPRICHARD—Two-toned. The inside of the petals is salmon-rose, the outside orange-carmine. The flower holds its color very well, the bush is healthy, vigorous and a free-bloomer. This is one of the "good" garden roses. The blooms are semi-double, with a spicy fragrance.
- CHARLES P. KILHAM-Orient red and orange. Beautiful buds, excellent for cutting. A splendid bedding plant, and a highly recognized and much appreciated variety.
- DAME EDITH HELEN—Clear pink. Very large, full, many-petalled bloom. The large buds on long stems are long lasting, making it a good exhibition or cut-flower rose. It is especially noted for its real, true

- DIRECTOR RUBIO—Velvety magenta-red. The blooms are immense, semi-double and unfading, with good fragrance. It is a low bedder of the ideal type, with abundant foliage. One of the best and most spectacular varieties for garden purposes. We consider it the best that we have to offer for a "bedding" variety.
- DUCHESS OF WELLINGTON—Deep saffron-yellow, tinted with orange. Its beautiful long-pointed bud opens to a very large, semi-double flower. It is delightfully fragrant. It has a low, spreading type of growth, of the "bedding" class. There are many newer yellows of purer color, finer form of flower, and greater publicity. But the Duchess is still about the best garden yellow, widely known and highly popular.
- E. G. HILL—Dazzling scarlet, toning to pure red. Full, very double blooms of perfect form on long stems, splendid for cutting. It is richly perfumed. The plant is vigorous, with healthy foliage, making a beautiful bush, always blooming.
- ETOILE DE FEU—Salmon-red and coral, tinted with fiery-red. The bloom is full and large. The plant is not a particularly strong grower, but its beautiful foliage makes it a very much admired bush.
- ETOILE DE FRANCE—Velvety crimson with cherry-red center. It has large, double flowers, intensely fragrant, and long-lasting. The plant is a strong grower, healthy and free-blooming. This is an old variety, in this age of novelty-hunting, but it is yet one of our finest reds.
- etolle De Hollande—Dark red. This is the finest red garden rose. The buds are of perfect form. The blooms are large and double on long stems, and are truly fragrant. The plant is strong, vigorous in growth, and easily grown, with healthy foliage. It is constantly blooming and blooming. We know of no better or finer rose.
- GOLDEN GLEAM—Bright, pure, buttercup yellow. A new and improved yellow. Blooms of perfect form on long stems, slightly fragrant.



Several Rows of Director Rubio



Etoile de Hollande

- GRUSS AN AACHEN—Yellowish-rose color. The large, full flowers cover the bush in a mass of bloom. This variety, too, is a splendid bedder of the low, heavily-foliaged type. It is a hard worker, being constantly in bloom. It needs no petting or pampering, only ordinary care. Roses like this keep the garden alive and interesting throughout the entire summer.
- Flowers full, GRUSS AN TEPLITZ—Deep crimson. double, and intensely fragrant. This is a strong, tall grower, often used for hedges or as a border plant. It is an old variety, but a real one and still very popular.
- HAWLMARK CRIMSON-Intense, velvety crimson, tinted maroon. The flowers are semi-double and slightly fragrant. A very free bloomer, and a splendid bedder. It is very hardy and easily cared for. Its unusually dark color attracts considerable attention and causes a very noticeable contrast with the yellows, oranges and mixtures of today's popularity.
- IMPERIAL POTENTATE—Carmine-pink. Large, double, well-shaped flowers, of true rose fragrance. Bush vigorous, with healthy, beautiful foliage.
- JOANNA HILL—Creamy yellow. It has long buds that open to perfectly formed, very full flowers set on long stems, especially good for cutting. It is also slightly fragrant. It is a very good grower, with healthy foliage, and an upright, well-shaped bush. A very satisfactory yellow for the garden.
- KAISERIN AUGUSTE VIKTORIA—Cream-white with a greenish center. The best white Hybrid Tea yet produced. The blooms are large, full and of perfect form, with rich fragrance. The bush is a strong grower. It is also a good bloomer, the flowers coming on long stems, fine for cutting.
- KILLARNEY WHITE—Pure white. It has long-pointed buds, is a good grower and a good bedder. It is a sport of the famous Killarney, with many of its character-
- LADY ALICE STANLEY-Inside of petals flesh-pink, reverse deep coral. The buds are long-pointed, opening



Another of Our Rose Fields With Gruss an Aachen in the Center

to beautiful cup-shaped flowers. The flowers are very double of perfect form and fragrant. The bush is a strong erect grower with healthy foliage.

- LADY ASHTOWN—Clear, rose-pink. Long-pointed buds and brilliant flowers. A very vigorous and bushy grower. An unusually active bloomer and a splendid variety. One of the "old" roses that have not yet been surpassed.
- LADY FORTEVIOT—Golden yellow mixed with apricot.
 The blooms are large, fragrant and of very good form.
 One of the newer varieties that have pleased us very much. A sturdy bush and very active bloomer.
- MME. ALBERT BARBIER—Salmon tinted with Nankinyellow, with a darker center. The flowers are large and beautiful. The bush is very vigorous, upright and bushy in growth. Another excellent and needed bedder. Constantly in bloom.
- MME. BUTTERFLY—Rose color mixed with apricot and yellow. Beautifully shaped buds, long lasting when cut. Highly scented. It is a strong and satisfactory grower, an old favorite, a mighty good rose and still very popular.
- MARGARET McGREDY—Orange scarlet. It has very large, long-pointed buds and fine double flowers. The bush is vigorous in growth, with healthy, glossy foliage. It is a constant and heavy producer of flowers. It has become one of the necessary varieties for all gardens, and deserves the highest possible rating.
- MISS ROWENA THOM—Bright rose mixed with mauve and old-gold. Bears immense flowers of perfect form, on long stems, making it fine for cutting. The plant is vigorous, healthy and bushy.
- MISS WILMOTT—Delicate sulphur, cream-yellow. Bloom of good form borne on long stems. It is highly scented.
- MRS. AARON WARD—Indian-yellow, sometimes tinted with salmon-rose. Blooms are medium in size, but full and many. It is a low grower and continuous bloomer, an ideal bedder.
- MRS. A. R. WADDELL—Reddish-salmon bordered with scarlet. Flowers are semi-double of striking color. A good grower.

A Block of Roses Near Our

MRS. CHARLES BELL—Delicate shell-pink with base of salmon—a soft flesh color. This rose is a sport of Radiance, with all of its virtues—strong, vigorous grower with wonderful foliage, constantly blooming, growing anywhere in spite of neglect, delightfully fragrant, good for cutting, etc. The three Radiances (Radiance, Red Radiance, Mrs. Charles Bell) are the ideal roses for the garden in this country. Not from the standpoint of shape of flower or rainbow combinations of color, but because they "make" the rose garden or the rose-bed regardless of where planted. They give the desired effect and bring results; they produce, they give satisfaction, they pay for the time, the work, the thought spent in planting roses.

MRS. G. A. VAN ROSSEM—Two-toned orange and apricot yellow, with golden yellow base. The reverse is often chrome-yellow or bronze. One of the most spectacular combinations of color ever found in a rose. It is the best, most attractive, and most satisfactory for the garden of this latest class of rose colors—the two-toned, variegated group. The bloom is fairly large and very full. The bush is vigorous with healthy, shiny foliage, and always blooming. It is slightly fragrant.

MRS. HENRY MORSE—Bright and clear vermillion on the outside of the petals, flesh-pink on the inside. The buds are very long-pointed, developing into very large blooms of perfect form. It is also slightly perfumed. The bush is of the strong, vigorous, healthy type of the Radiance group, and nearly as free-flowering.



ice-Radiances in the Center

MRS. PIERRE S. du PONT—Golden yellow. It has a longpointed bud with flowers of medium size. The color is rich and deep and does not fade. The plant is low, compact and very bushy—a good bedder. It is a constant and heavy bloomer.

RADIANCE—Brilliant carmine-salmon, with reverse side opal-rose and yellowish red. The best and most successfully-grown Rose in America. It thrives everywhere. As a plant, it is the ideal to which all other varieties are compared. It is a strong, sturdy grower with wonderful foliage, a continuous bloomer, producing large, delightfully fragrant double flowers. This variety and its relatives (Red Radiance and Mrs. Charles Bell) have made ordinary, amateur rose-gardening in this country successful, and productive. The Radiances give results even though partly neglected. Given one-half the care, pampering and coddling that is spent on many beautifully-shaped but weakly-constituted varieties, they return the attention with tremendous growth, quantities of bloom, on long stems, rich in color, splendid in shape, the envy of their neighbors in the garden.

RED RADIANCE—Clear, genuine red. A sport of Radiance, exactly like it in all respects, except in color. This variety, together with Radiance and Mrs. Charles Bell, constitutes a family of Roses in a class by themselves. Everyone who plants roses should have these three, if no others. Once you have succeeded in establishing a gorgeous bed of the Radiances, you will have learned sufficiently to know what it is all about, and will have developed a taste and desire to branch out into other kinds, even the delicate and uncertain novelties that crop up in numerous fashion each year.



Rev. F. Page Roberts

- REV. F. PAGE ROBERTS—Golden yellow with the reverse side carmine, especially in the bud. The buds are very shapely and the blooms of perfect form, double and very fragrant. The bush is low, compact and spreading, making it a good bedder. It is one of the best known and most popular yellows, remembered always for its exquisite coloring.
- SOUVENIR de CLAUDIUS PERNET—Pure sun-flower yellow. The flowers are fairly large and full, but open quickly. This is a well-known variety, particularly through its use in the cut-flower market. It is not as satisfactory in the garden as in the greenhouse, but still it does produce many blooms of rich yellow and of exhibition type.
- SOUVENIR de GEORGES PERNET—Orient-red on the edge of the petals, reflected over the entire bud. The flower is cochineal-carmine. It is an unusual and attractive coloring. The blooms are immense and perfectly formed. The plant is of the low-spreading, bedding type, many-branched and bushy. This variety attracted a great deal of attention when introduced and becomes more popular each season.
- TALISMAN—Mixture of golden yellow, orange and scarlet red, with distinct variations in nearly every bloom. This rose created a sensation when it came out, both in garden circles and the florists' market. It produces more perfectly and surely in the latter field than in the garden. But here, too, it has proved satisfactory because the plant is very hardy and a fairly good grower. Although some blooms come imperfect, many fine buds are produced on very long stems, fine for cutting. It is also very fragrant.
- VILLE de PARIS—Brilliant golden yellow. The buds are well-formed, the blooms large and unfading in color. The plant is strong and a very steady bloomer. It is also slightly fragrant. For real, pure, rich yellow, this variety is yet unsurpassed.

Special Offer Our Selection HYBRID TEAS 100 Roses for \$33.33

The plants in the above Offer are the same in quality and variety as those listed in this catalog. The selection will include a good assortment, as to color and popularity, on all orders. We make this offer solely to permit us to dispose of those plants which may not be moving so quickly, on orders for specified kinds. We are willing to pass on to you a considerable saving to enable us to move an anticipated surplus.

In addition to Roses, we have, also, a complete line of Evergreens, of grafted superior stock. We shall be glad to show you around the fields, if you have the opportunity to come here. Or we will gladly send you, on request, a copy of our Evergreen Booklet, free of charge.

HARDY CLIMBERS

Although Hardy Climbers bloom but once each year, they produce such an enormous crop of flowers at that time, as to make their cost insignificant, and their slight care a pleasure. Climbers can be trained against buildings, on fences, posts and pillars, over arches, pergolas, banks and walls, or to screen a porch, cover a tree stump and conceal small outbuildings. There is no other splash of color in the entire field of horticulture that arcuses humdrum humanity, like the gorgeous spectacle of blooming Climbing Roses Roses.

- ALBERTINE—Two-toned. Inside of petals copper-yellow, reverse side coppery-rose. A hardy and strong grower and a profuse bloomer with beautiful glossy foliage on reddish stems. A very handsome climber which blooms in midseason.
- AMERICAN BEAUTY CLIMBING-Vermillion-pink. It has large, fragrant flowers that are splendid for cutting. This is considered an old variety, but it is still as wonderful and popular as ever. It is an early bloomer.
- Brilliant coppery-salmon, on saffron-yellow. Large beautiful flowers that make a wonderful show because of the profusion of bloom. The foliage is shiny and holly-like, making the bush very attractive, even when not in bloom. This variety is considered the best hardy yellow. It makes a marvelous combination when planted together with Albertine. It also blooms in midseason.
- MME. GREGOIRE STAECHELIN—The petals are delicate rose color, with the outside striped with red. The large blooms come on very long stems, fine for cutting. is also fragrant. This is a newcomer in the rose field, and one of the loveliest ever discovered. It blooms early in the season.
- MARY WALLACE—Delicate salmon-rose, very much like Lady Ashtown. The blooms are very large on long stems. It is a strong and most vigorous grower. It blooms early.
- PAUL'S SCARLET CLIMBER—Bright scarlet, tinted with crimson. The flowers are fairly large, coming in clusters, making the most vivid splash of color in the gar-den. The color does not fade, but holds clear and true till the petals drop. The plant is a medium grower and is, therefore, used extensively for pillars, or posts for which it is highly adaptable.

HYBRID PERPETUALS OR "JUNE" ROSES

This class is the hardiest, most vigorous growing of all bush Roses. They are noted for their large blooms, full of fragrance, and for their ability to withstand the most severe winters. They are commonly supposed to bloom only in June, but if kept trimmed low, and pruned after the June crop, they will bloom again several times during the season.

- ANNA de DIESBACH—Silvery carmine-rose. Large, full, fragrant flowers. Hardy, vigorous plant and a profuse bloomer.
- FRAU KARL DRUSCHKI—Pure, snow-white. Extremely long buds, immense double flowers. The finest and most famous white rose. It lacks only fragrance to make it perfect. Strong, vigorous grower, almost a shrub.
- GENERAL JACQUEMINOT Brilliant velvety red.

 Blooms of good form and intensely fragrant. About
 the oldest red rose now in commerce, famous for generations. Known as "the Jack Rose."
- HENRY NEVARD—Crimson-scarlet. Large double, very fragrant flowers on long stems. Very good and very lasting for cutting. A new variety in this class, with the extra qualification that it blooms continuously like a Hybrid Tea.
- MAGNA CHARTA—Clear, bright rose with carmine tint. Very large, full, cup-shaped, fragrant flowers. A heavy bloomer and much used by florists for potted plants.
- MRS. JOHN LAING—Satiny rose. Beautiful buds, and full fragrant flowers. A vigorous and erect grower. Blooms several times throughout the season without effort. One of the finest and most popular H. P.'s.
- PAUL NEYRON—Rose pink. Very double flowers of enormous size, with very strong fragrance. Vigorous and true to the class in all respects.
- PRINCE CAMILLE de ROHAN—Dark maroon-crimson mixed with blood-red. It is almost black. The bloom is intensely fragrant and of medium size.
- ULRICH BRUNNER—Cherry-red. Also has large, fragrant flowers. It is only a medium grower compared to the others in its class, but it is plenty vigorous.

MISCELLANEOUS

The following varieties are grouped in a miscellaneous or shrub class. As you will note by the description of each, some are better used as specimens, others for hedges, in the shrubbery border, with perennials or as background for the real bedders.

- AGNES—(Rugosa)—Pale amber color. Blooms very early. Fragrant, large double blooms. It grows into a large shrub, the blooms covering the entire branches in holly-hock fashion. It is a new strain or development, and is unusual and very attractive. Makes beautiful specimen plants.
- BIRDIE BLYE—(An everblooming shrub)—Brilliant carmine rose. Double blooms of fair size come in clusters. It is quite well known and well liked.
- CONRAD F. MEYER—(Tall Rugosa Type)—Silver glowing, pure rose color. Very large and fragrant flowers. Exceptionally vigorous and can be used as a climber. It makes wonderful lawn specimens, and is often used in tall shrubbery plantings to screen out objectionable buildings or views.

F. J. GROOTENDORST—(Everblooming Rugosa)—Crim-The flowers are small, resembling carnations in They spread all over the branches in truss formation. It is a continuous bloomer and makes a fine hedge. It grows to a height of about four feet.

MLLE. CECILE BRUNNER—(Polyantha or Baby Rambler)—It is often called the "Sweetheart Rose." It is rose color on a yellow base. The flowers come in clusters and sprays, small, perfect in form, and intensely fragrant. The plant is low in growth and a small bush. It is a very, very popular rose and deservedly so. There is nothing just exactly like it.

STANDARD OR TREE ROSES

Standard Roses differ from Bush Roses in that the former are budded high up on stems, while the latter are budded almost on the root system. Standards are very useful in the garden, because they vary the landscape line. They also produce larger flowers and healthier, stronger foliage. They are generally more immune to diseases, because disease usually attacks from the ground level. Standard Roses need winter protection in the form of straw and burlap wrapped carefully about the entire stem and bush. We offer the following varieties, budded on 3 to 3½ feet stems. Some are budded on Rugosa understock, while others are on Canina. Both are accepted and satisfactory stocks. The Rugosa although not as straight and smooth as the Canina is considerably more husky. These plants are all well branched and bushy. More detailed descriptions of the varieties appear under "Hybrid Teas." The variety whether in bush form or in tree form is exactly the same in color, mannerisms, etc.

PRICES: \$2.50 each; \$25.00 per dozen

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E. G. HILL-Dazzling scarlet, toning to pure red. Full, very double blooms.

ETOILE de HOLLANDE-Dark red. Large double, fragrant flowers.

IMPERIAL POTENTATE—Carmine-pink. Large, double, beautiful blooms.

KAISERIN AUGUSTE VIKTORIA-Cream-white, with a greenish center.

MRS. G. A. VAN ROSSEM—Two-toned orange and apricot yellow, with golden yellow base. The reverse is often chrome-yellow or bronze.

RADIANCE-Brilliant carmine-salmon, with the reverse side opal-rose and yellowish red.

RED RADIANCE—Clear, genuine red.

SOUVENIR de GEORGES PERNET—Orient-red on the edge of the petals, reflected over the entire bud. The flower is cochineal-carmine.



Standard or Tree Roses in Our Nurseries

PLANTING AND CULTURAL DIRECTIONS

When to Plant

Roses can be planted in the Fall from October 15th until the ground freezes up. Roses can, also, be planted, in the dormant stage, in the Spring from March 15th or whenever the ground can be worked, until May 1st. After May 1st, Roses in pots can be planted throughout the balance of the Spring and the entire Summer. But it is better not to plant after July 1st because of the usually hot and dry weather. It is always better to plant as early in the season as possible, whether in the Fall or in the Spring.

Where to Plant

Roses require sun, at least one-half of the day. Shade during part of the day is helpful rather than harmful, as the flowers last longer. Protection from strong winds is also desirable. This is often provided by buildings, or borders of evergreens, shrubs, hedges or perennials. The beds should, also, be placed where the soil is naturally well-drained.

How to Prepare the Ground

The soil should be good garden loam. If it is poor, it should be replaced with good top-soil for a depth of twelve inches, and allowed to settle well before planting. Rose beds should, as much as possible, be long and narrow, for better facility in working and a nicer landscape effect. For two rows of plants, the bed can be $2\frac{1}{2}$ to 3 feet wide, for three rows, about 4 feet. The Roses should be planted 12 to 15 inches apart each way. The distance can be varied somewhat, depending on the vigor and spread of the varieties selected.

How to Plant

Dormant Roses: Do not expose the roots to the air or sun. The roots should be kept covered at all times, and can be dipped in a pail of water before planting. Dig the hole large enough to enable the roots to be spread out naturally and comfortably, and deep enough to bring the "bud" just below the top of the bed. Work the soil well in among the roots, and after the roots are covered and the hole fairly well filled with soil, TRAMP with the heel of your shoe, until the soil is firmly packed down all around. Then fill the hole with water several times, allowing it to drain away well each time. Fill the balance of the hole with loose dirt.

If planting in the Fall, hill up the soil immediately to a height of 8 inches or more, even to covering the entire plant. In the Spring this soil can be leveled off, and the surplus carried away. If planting in the Spring, no hilling-up is necessary, just leave the ground level.

All plants should be placed in the ground as soon as received. If delayed for several days, remove them from the bundles, and hill in or bury entirely in a shady and moist place, until wanted.

Potted Roses: These are available only in the Spring, from May 1st on. Invert the plant and gently tap the top edge of the pot on a ledge to remove it. Be careful that the ball of earth does not break, plant it intact with the top of the ball an inch below ground level, packing the soil as firmly as possible about it.

Care of Roses

Fertilizing: No fertilizer of any kind is required after planting in the Fall. Neither in the Spring immediately after planting, if good top soil has been used, as required. After the plants have started to grow, borne their first crop of blooms and had a short rest period, apply a large quantity of fresh cow manure or good chemical fertilizer to the top of the bed. In future years, apply a heavy dose of cow manure (well-rotted or fresh) in early Spring. The straw or bedding can later on be taken off or scratched in. After the first crop of blooms, some good chemical fertilizer can be safely used to assist the new growth.

Watering and Mulching: During the hot, dry spells

through the summer, water well every other day, either in early morning or late in the evening. Mulch with well-rotted manure about July 1st, and also in the Fall after hilling-up. Spent mushroom manure is ideal for this purpose. We have it available in bags-one 100-lb. bag, \$1.25; 1000 lbs. for \$10.00, F. O. B. our nurseries; special prices for large quantities in bulk given on request.

Winter Protection: Just after planting in the Fall, hill the soil around the plants to a height of eight inches or more, even to the extent of covering the entire plant. Established plants should be hilled up, in similar fashion about

the end of November or before freezing weather.

Spraying or Dusting: Either method is effective. Spraying or Dusting: Either method is effective. With large beds or gardens, spraying is usually cheaper. There are many good preparations on the market for the control of disease. The most commonly used are made with a base of Bordeaux Mixture or Sulphur, and are effective against Mildew, Black Spot, etc. All diseased or injured branches or leaves should be removed and burned. For insects, we recommend Red Arrow, as there is no danger of overapplying it. For best results, it should be mixed with a

good soap spreader.

Pruning: All Hybrid Teas and Hybrid Perpetuals should be pruned in March. Remove all dead, broken or weak branches. Shorten all other branches to 2 or 3 eyes. Hybrid Teas will be pruned to within 4 to 8 inches of the ground, Hybrid Perpetuals to within \$\fo\$ to 5 inches of the ground, Hybrid Perpetuals to within \$\fo\$ to 15 inches. Make all cuts clean just above an "eye," leaving only clean, healthy canes on the plant, arranged so as to make a neat, symmetrical bush. Climbers should be trimmed just after blooming. All very old, weak or diseased canes should be removed. Those remaining should be shortened or cut back to good, beauthy cide chests and all years agree from the beauthy. healthy side shoots and all new canes from the base left to grow. All plants received from our nurseries will be properly pruned for the first year.



Ville de Paris



The Radiances

SPECIAL OFFER The 3 RADIANCES for

\$ 7.25

One each of Radiance, Red Radiance, Mrs. Charles Bell—these three greatest and best garden Roses—accepted by Rose professionals, elected by amateur enthusiasts, and proven everywhere in actual gardens—as the three unquestioned leaders. Sturdy, husky growers, bushy plants, real Roses.



One of Our Rose Fields